

WHAT IS CLAIMED IS:

1. A program guide displaying apparatus for displaying a program table, in which a plurality of program information are displayed in a 2-dimension of a time axis and a channel axis, said apparatus comprising:

    a program information obtaining device for obtaining the program information including information indicative of a program name, a start time, a length of a program or an end time, a broadcasting channel and a broadcasting date of respective one of a plurality of programs;

    a date setting device for setting a date of the program table to be displayed; and

    a displaying device for extracting the program information corresponding to the date set by said date setting device from among the program information obtained by said program information obtaining device, displaying the extracted program information as the program table corresponding to the date set by said date setting device and, if the date of the program table is changed by said date setting device, displaying the extracted program information as the program table corresponding to the changed date with a display time band set in advance.

2. A program guide displaying apparatus according to claim 1, wherein

    said displaying device extracts the program information

within a time range including the program which is most recently received and within a display channel range including the channel of the program which is most recently received, if the date set by said setting device is a present day, and

5        said displaying device extracts the program information within a predetermined time range set in advance and within a display channel range including the channel of the program which is most recently received, if the date set by said setting device is not the present day.

10

3.        A program guide displaying apparatus according to claim 1, wherein, if the date set by said date setting device is a present day, said displaying device displays the program table with the display time band including a present time.

15

4.        A program guide displaying apparatus according to claim 1, wherein, if the date of the program table is changed by said date setting device, said displaying device displays the program table with a display channel range displayed before the date of the 20 program table is changed.

25        5.        A program guide displaying apparatus for displaying a program table, in which a plurality of program information are displayed in a 2-dimension of a time axis and a channel axis, said apparatus comprising:

              a program information obtaining device for obtaining the

program information including information indicative of a program name, a start time, a length of a program or an end time, a broadcasting channel and a broadcasting date of respective one of a plurality of programs;

5 a displaying device for displaying the obtained program information as the program table including a plurality of program cells as for a predetermined display time range and a predetermined display channel range; and

10 a program cell selecting device for selecting one of the program cells within the displayed program table,

wherein, if the selected program cell is changed in a direction along the time axis by said program cell selecting device and if the changed and selected program cell exceeds the display time range of the program table displayed before changing the 15 selected program cell, said displaying device displays the program table in which the start time of the changed and selected program cell is positioned within a leading display time band.

6. A program guide displaying apparatus according to claim 5, 20 further comprising a date setting device for setting a date of the program table to be displayed,

wherein said displaying device extracts the program information corresponding to the date set by said date setting device from among the program information obtained by said program 25 information obtaining device and displays the extracted program information as the program table.

7. A program guide displaying apparatus according to claim 5, further comprising a range setting device for setting the display time range and the display channel range,

5 wherein said displaying device extracts the program information within the display time range and within the display channel range set by said range setting device from among the program information obtained by said program information obtaining device and displays the extracted program information as  
10 the program table.

8. A program guide displaying apparatus according to claim 5, wherein said displaying device displays a cursor on the selected program cell.

15 9. A program guide displaying apparatus according to claim 5, wherein, if the program cell is changed by said program cell selecting device, said displaying device displays the program table with the display channel range same as before the program cell is  
20 changed.

10. A program guide displaying apparatus according to claim 5, wherein, if the program cell is changed by said program cell selecting device, said displaying device displays the program table  
25 in which the channel of the changed and selected program cell is set as a leading display channel.

11. A program guide displaying method of displaying a program table, in which a plurality of program information are displayed in a 2-dimension of a time axis and a channel axis, said method comprising:

a program information obtaining process of obtaining the program information including information indicative of a program name, a start time, a length of a program or an end time, a broadcasting channel and a broadcasting date of respective one of a plurality of programs;

a date setting process of setting a date of the program table to be displayed; and

a displaying process of extracting the program information corresponding to the date set by said date setting process from among the program information obtained by said program information obtaining process, displaying the extracted program information as the program table corresponding to the date set by said date setting process and, if the date of the program table is changed by said date setting process, displaying the extracted program information as the program table corresponding to the changed date with a display time band set in advance.

12. A program guide displaying method according to claim 11, wherein

25 said displaying process extracts the program information  
within a time range including the program which is most recently

received and within a display channel range including the channel of the program which is most recently received, if the date set by said setting process is a present day, and

5        said displaying process extracts the program information within a predetermined time range set in advance and within a display channel range including the channel of the program which is most recently received, if the date set by said setting process is not the present day.

10      13.     A program guide displaying method according to claim 11, wherein, if the date set by said date setting process is a present day, said displaying process displays the program table with the display time band including a present time.

15      14.     A program guide displaying method according to claim 11, wherein, if the date of the program table is changed by said date setting process, said displaying process displays the program table with a display channel range displayed before the date of the program table is changed.

20

15.     A program guide displaying method of displaying a program table, in which a plurality of program information are displayed in a 2-dimension of a time axis and a channel axis, said method comprising:

25        a program information obtaining process of obtaining the program information including information indicative of a program

name, a start time, a length of a program or an end time, a broadcasting channel and a broadcasting date of respective one of a plurality of programs;

5 a displaying process of displaying the obtained program information as the program table including a plurality of program cells as for a predetermined display time range and a predetermined display channel range; and

10 a program cell selecting process of selecting one of the program cells within the displayed program table,

15 wherein, if the selected program cell is changed in a direction along the time axis by said program cell selecting process and if the changed and selected program cell exceeds the display time range of the program table displayed before changing the selected program cell, said displaying process displays the program table in which the start time of the changed and selected program cell is positioned within a leading display time band.

16. A program guide displaying method according to claim 15, further comprising a date setting process of setting a date of the 20 program table to be displayed,

25 wherein said displaying process extracts the program information corresponding to the date set by said date setting process from among the program information obtained by said program information obtaining process and displays the extracted program information as the program table.

17. A program guide displaying method according to claim 15, further comprising a range setting process of setting the display time range and the display channel range,

wherein said displaying process extracts the program information within the display time range and within the display channel range set by said range setting process from among the program information obtained by said program information obtaining process and displays the extracted program information as the program table.

10

18. A program guide displaying method according to claim 15, wherein said displaying process displays a cursor on the selected program cell.

15

19. A program guide displaying method according to claim 15, wherein, if the program cell is changed by said program cell selecting process, said displaying process displays the program table with the display channel range same as before the program cell is changed.

20

20. A program guide displaying method according to claim 15, wherein, if the program cell is changed by said program cell selecting process, said displaying process displays the program table in which the channel of the changed and selected program cell is set as a leading display channel.